

17224 U.S. PTO  
09/24/03

COMMISSIONER FOR PATENTS,  
P.O. Box 1450;  
Alexandria,  
VA 22313-1450

22386 U.S. PTO  
10/668133  
09/24/03

September 10, 2003

Dear Sir/Madam

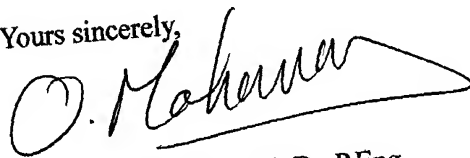
This is in regard to filing my patent application in the USA.

"I claim small entity status" and enclosed the following for filing my invention:

1. Invention specifications document (No. of pages 39) and drawings (No. of pages 21);
2. A declaration for utility patent application; and
3. A signed credit card payment form for the filing fees of \$US 537.00, (Basic filing fee (Patent) \$US 375 and claims in excess of twenty \$US 162).

I look forward to hearing from you at your earliest convenience.

Yours sincerely,



Omayma Moharram, Ph.D., P.Eng.  
OMCS Consultants Inc. [[www.omcsconsultants.ca](http://www.omcsconsultants.ca)]  
RR1 STN MAIN, 225 Spruce Crescent,  
Carleton Place, Ontario,  
K7C 3P1 Canada  
E-mail: [omayma@sympatico.ca](mailto:omayma@sympatico.ca)  
Tel/Fax: (613) 253 - 4102

## **Bi graphy**

Omayma Moharram is a senior Professional Engineer/Scientist with twenty-two years of progressive experience with Nortel Networks/Bell-Northern Research, a global telecommunications corporation, working in the research and development (R&D) field for telecommunications systems, networks, and technology management for public and private networks.

Omayma received her Ph.D. in Systems Design Engineering and M.Sc. in Electrical Engineering both from University of Waterloo, Waterloo, Ontario, Canada. She received her B.Sc. in Aeronautical Engineering from Cairo University, Egypt.

Omayma has been awarded a number of patents worldwide and has published several papers on planning, engineering, networks and security management. Omayma is a member of Professional Engineers of Ontario (PEO), Ontario Society of Professional Engineers (OSPE), and IEEE. And currently, she is Principal of OMCS Consultants Inc.